

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Mutsumi FUJIHARA, et al.

SERIAL NO: NEW APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: DATA MANAGEMENT METHOD AND STORAGE MEDIUM STORING DATA MANAGEMENT PROGRAM



#4

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

A handwritten signature of Marvin J. Spivak in black ink.

Marvin J. Spivak

Registration No. 24,913

C. Irvin McClelland  
Registration Number 21,124



22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/98)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Mutsumi FUJIHARA, et al.

SERIAL NO.: New Application

FILED: Herewith

FOR: DATA MANAGEMENT METHOD AND STORAGE MEDIUM STORING DATA  
MANAGEMENT PROGRAM



**STATEMENT OF RELEVANCY**

**Reference AO (JP 6-309295) on PTO-1449**

This reference shows a method how to simulate a discrete event system using a database which registers a record to plural indexes depending on the contents of the record.

**Reference AP (JP 6-149634) on PTO-1449**

This reference relates to a method registering a record to plural indexes depending on the contents of the record, but every index entry is a record itself, and sorting rule (key) is specified for each index.

**Reference AW (Mutsumi FUJIHARA, et al.) on PTO-1449**

This reference relates to a method registering a record to plural indexes depending on the contents of the record, but every index entry is a record itself, and the relation between a field and an entry is not disclosed.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
214295US2RDSERIAL NO.  
NEW APPLICATION

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Mutsumi FUJIHARA, et al.  
FILING DATE  
HEREWITH

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO	JP 6-309295	11/04/94	JAPAN (w/English Abstract)		x
	AP	JP 6-149634	05/31/94	JAPAN (w/English Abstract)		x
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Mutsumi FUJIHARA, et al., "SIMULATION THROUGH EXPLICIT STATE DESCRIPTION AND ITS APPLICATION TO SEMICONDUCTOR FAB OPERATION", Proceedings of the 1992 Winter Simulation Conference, 1992, pp 899-907
	AX	
	AY	
	AZ	

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1046 U.S. P.T.O.  
09/960337